

METHOD AND APPARATUS FOR MANAGING LOCAL RESOURCES
AT SERVICE NODES IN AN INTELLIGENT NETWORK

ABSTRACT OF THE DISCLOSURE

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A resource management system for an intelligent communications network having one or more distributed service nodes, each service node for providing services relating to an event received at a network resource associated with a service node. The system comprising a first processing tier comprising one or more local execution environments located at a node, each execution environment including a mechanism for instantiating one or more service objects capable of performing event services at a first local execution environment, and, for generating status information relating to executing service objects; and, a second processing tier associated with a service node and including a system processor for tracking status and availability of service objects and local execution environments. Upon receipt of service requests, the system processor communicates with the first processing tier for receiving the status information and initiating service object instantiation in the one or more local execution environments in the first processing tier at the node based upon the status and availability information of the requested service object.